



<p>Substitute for form 1449/PTO Revised 04/2003)</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)</p>		Complete if Known				
		Application Number		10/748,113		
		Filing Date		12/29/03		
		First Named Inventor		Huang		
		Group Art Unit		3653		
Examiner Name		To be Assigned				
Sheet	1	of	1	Attorney Docket Number	018360/272883	
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
JKM	1	US-4 772 170 A	09-20-1988	Oldfield	Whole document	
JKM	2	US-5 088 878 A	02-18-1992	Heinz, et al.	Whole document	
	3	US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
JKM		DE 38 41 041 A	07-27-1989	Praemeta	Whole document	
JKM		DE 40 29 631 A	03-26-1992	Praemeta	Whole document	
Examiner Signature	<i>Kun Huang</i>			Date Considered	12/28/03	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known	
Application Number	10/748,113
Filing Date	December 29, 2003
First Named Inventor	Huang
Group Art Unit	3653
Examiner Name	Nguyen
Attorney Docket Number	18360/272883

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
<i>gny</i>	1	US-5,240,139 A	08-31-1993	Chirnomas et al.	
	2	US-			
	3	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

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Signature

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OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	2		

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12/20/01

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				Application Number	10/748,113
				Filing Date	December 29, 2003
				First Named Inventor	Huang
				Group Art Unit	3653
				Examiner Name	Nguyen
Sheet	1	of	4	Attorney Docket Number	18360-272883

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
<i>Thuy</i>	1	2,947,405		Fenton	8/2/60
	2	3,003,254		Partison	10/10/61
	3	3,436,968		Unger et al.	4/8/69
	4	3,485,339		Miller et al.	12/23/69
	5	3,515,254		Gary	6/2/70
	6	3,531,002		Lemelson	9/29/70
	7	3,581,071		Paysecure	5/25/71
	8	4,242,025		Thibault	12/30/80
	9	4,287,459		Dahlstrom	9/1/81
	10	4,419,384		Kane et al.	12/6/83
	11	4,521,966		Karlsson	6/11/85
	12	4,536,852		Hosel	8/20/85
	13	4,557,386		Buckley et al.	12/10/85
	14	4,604,704		Eaves et al.	8/5/86
<i>Thuy</i>	15	4,621,331		Iwata	11/4/86

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴ (if known) ⁵	Kind Code (if known) ⁶	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
<i>Thuy</i>	16	EP	0 415 771 A2	Stringer	3/91
<i>Thuy</i>	17	DE	37 38 587 A1	Bonin	4/89
<i>Thuy</i>	18	DE	3 841 041 A1	Wehking et al.	6/89
<i>Thuy</i>	19	DE	28 08 175 A1	Oldenberger	8/79
Examiner Signature	<i>Thuy</i>				Date Considered <i>12/26/03</i>

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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10748,113
				Filing Date	December 29, 2003
				First Named Inventor	Hnang
				Group Art Unit	3653
				Examiner Name	Nguyen
Sheet	2	of	4	Attorney Docket Number	18360-272883

U. S. PATENT DOCUMENTS					
	20	4,635,988		Potters et al.	1/13/87
	21	4,641,271		Konishi et al.	2/3/87
	22	4,685,054		Mamminen et al.	8/4/87
	23	4,687,107		Brown et al.	8/18/87
	24	4,692,876		Tenma et al.	9/8/87
	25	4,715,773		Parker et al.	12/29/87
	26	4,729,713		Takaichi et al.	3/8/88
	27	4,744,595		Tanning et al.	5/17/88
	28	4,746,255		Roccabianca et al.	5/24/88
	29	4,750,132		Pessina et al.	6/7/88
	30	4,753,357		Miyoshi et al.	6/28/88
	31	4,772,170		Oldfield	9/20/88
	32	4,780,830		Omi et al.	10/25/88
	33	4,792,049		Janock et al.	12/20/88
	34	4,796,357		Smith	1/10/89
	35	4,831,561		Utsumi	5/16/89
	36	4,835,450		Suzuki	5/30/89
	37	4,858,974		Stannek	8/22/89
	38	4,866,824		Falk et al.	9/19/89

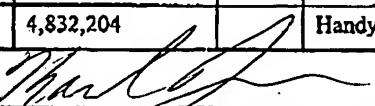
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document Office ⁷ Number ⁸ (if known) ⁹		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
gk	39	WO	95/22499	Huang et al.	8/24/95
Ng	40	FR	2 611 190 A1	Stambera	2/23/88
Ng	41	EP	0 244 805	Tanaka	11/11/87
Examiner Signature				Date Considered	12/29/88

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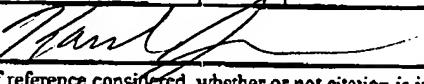
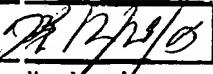
⁷ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/748,113
		Filing Date	December 29, 2003
		First Named Inventor	Huang
		Group Art Unit	3653
		Examiner Name	Nruyen
Sheet	3	of	4
Attorney Docket Number 18360-272883			
U. S. PATENT DOCUMENTS			
42	4,900,219	Azzopardi et al.	2/13/90
43	4,914,460	Caimi et al.	4/3/90
44	4,939,676	Worsley et al.	7/3/90
45	4,969,107	Mizutani	11/6/90
46	4,974,164	Lewis et al.	11/27/90
47	4,976,584	Focke	12/11/90
48	4,969,109	Mizuno et al.	11/6/90
49	5,024,575	Anderson	6/18/91
50	5,050,090	Golub et al.	9/17/91
51	5,088,878	Focke et al.	2/18/92
52	5,098,254	Becicka et al.	3/24/92
53	5,163,808	Tsubone et al.	11/17/92
54	5,175,692	Mazouz et al.	12/29/92
55	5,249,131	Kato	9/28/93
56	5,292,219	Merin et al.	3/8/94
57	5,301,544	Smith	4/12/94
58	5,308,221	Shimokoshi et al.	5/3/94
59	5,331,118	Jensen	7/19/94
60	5,340,950	Brandorff et al.	8/23/94
61	5,348,440	Focke	9/20/94
62	5,374,830	Pryor	12/20/94
63	Re. 33,416	Konishi et al.	10/30/90
64	5,383,760	Cawley et al.	1/24/95
65	4,239,434	Gannon	12/16/80
66	4,786,229	Henderson	11/22/88
67	4,832,204	Handy et al.	5/23/89
Examiner Signature			Date Considered 12/28/03

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		Group Art Unit		3653	
		Examiner Name		Nguyen	
		Sheet 4 of 4		Attorney Docket Number 18360-272883	
U. S. PATENT DOCUMENTS					
	68	4,835,702	Tanaka	5/89	
	69	5,220,511	Speckhart et al.	6/15/93	
	70	5,260,694	Remahl	11/9/93	
	71	5,501,571	Van Durrett et al.	3/96	
	72	5,297,924	Neri et al.	3/94	
	73	5,203,671	Cawley et al.	4/93	
	74	5,175,692	Mazouz et al.	12/92	
	75	4,641,271	Konishi et al.	2/87	
	76	3,944,049	Graybill	3/76	
	77	5,860,504	Lazzarotti	1/99	
	78	3,861,732	Piper	1/75	
	78	5,082,319	Hurliman et al.	1/92	
	80	5,125,706	Kuwaki et al.	6/92	
	81	5,813,713	Van Dcr Burgh	9/98	
	82	5,908,283	Huang et al.	6/99	
Examiner Signature				Date Considered	

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